



Product Name: GÄNZ SAE 5W-20 API SQ

Viscosity Grade: SAE 5W-20

Quality Level: Advanced Full - Synthetic

API Service: API SQ-RC (Resource Conserving)

Recommended for: Latest requirements ILSAC GF-7A , API SQ for most American and Asian passenger cars, SUV's and light vans

OEM Approvals: API SQ Resource Conserving , API SQ , API SP ILSAC GF-7A , GM DEXOS1 GEN3, Chrysler MS-6395 , Ford WSS-M2C945-B1

Drain Interval: Up to 20 ,000 Km

Product Description:

GÄNZ SAE 5W-20 API SQ is an advanced, fully synthetic engine oil designed to deliver superior engine performance and protection. It surpasses API SP standards, offering enhanced Low-Speed Pre-Ignition (LSPI) protection, improved fuel economy, exceptional catalyst compatibility, and reduced piston deposits. Formulated with high-quality synthetic base oils and state-of-the-art additive technology, this oil is ideal for modern gasoline engines, including hybrid vehicles, ensuring unmatched performance and engine cleanliness.

Key Features:

- **Enhanced LSPI Protection:** Advanced formulation minimizes LSPI risk in turbocharged engines.
- **Superior Fuel Economy:** Low-friction technology reduces fuel consumption and CO₂ emissions.
- **Catalyst Compatibility:** Optimized for emission control systems like DPF, GPF, and TWC.
- **Engine Cleanliness:** Exceptional control over soot and deposits ensures cleaner engine operation.
- **Cold Start Performance:** Excellent low-temperature fluidity for quick and effective lubrication.
- **Extended Engine Life:** High thermal stability and oxidation resistance protect critical engine components.
- **Meets Hybrid Engine Needs:** Compatible with hybrid and gasoline engines from US, Asian, and European manufacturers.

Applications:

GÄNZ SAE 5W-20 API SQ is suitable for gasoline-fueled passenger cars and light trucks, particularly for vehicles requiring API SQ, API SQ/RC, ILSAC GF-7A, or equivalent specifications. It is especially effective in modern downsized, turbocharged, and hybrid engines.

Typical Properties:

Property	Method	Value
Appearance	visual	Bright and clear
Density @ 15°C g/cm ³	ASTM D4052	0.850 g/cm ³





Viscosity @ 40°C	ASTM D445	47.0 mm ² /s
Viscosity @ 100°C	ASTM D445	8.5 mm ² /s
Viscosity Index	ASTM D2270	160
Pour Point	ASTM D5950	-42°C
Flash Point	ASTM D92	225°C
TBN , mg KOH/g	ASTM D2896	8.5
Noack volatility , evaporation loss , 1hr @250°C , %	ASTM D 5800	10.2
Apparent viscosity by MRV @-40 °C , Cp	ASTM D 4684	20.300
Apparent viscosity by CCS @-30 °C , Cp	ASTM D5293	6000
Sulfated Ash (SASH)	ASTM D874	≤0.9%

Specifications and Approvals:

- **API:** API SQ (exceeds SP/RC standards)
- **ILSAC:** GF-7A
- **OEM Approvals:**
 - Chrysler MS-6395
 - Ford WSS-M2C945-A
 - GM dexos1™ Gen 3

Customer Benefits:

- **Prolonged Engine Life:** Advanced wear and friction reduction ensure longevity.
- **Cleaner Emissions:** Compatible with modern emissions control systems, reducing pollutant output.
- **All-Weather Reliability:** Maintains performance in extreme temperatures.
- **Reduced Maintenance Costs:** Extended oil service intervals and minimized engine deposits.

Storage and Handling

- **Storage:** Store in a cool, dry environment, below 60°C, away from direct sunlight or freezing conditions.
- **Environmental Care:** Recycle used oil responsibly at certified collection centers.

